

entry approved 11/29/04
CLAIM AMENDMENTS

1-13. (Canceled)

14. (Previously presented) A vehicle-onboard radar system comprising:
a receiving and transmitting unit for receiving and transmitting a radio wave signal,

a signal processing unit for processing said radio wave signal,

an outer housing which is insulative, installs said signal processing unit therein, and has a conductive shielding layer inside thereof, and

an electrically conductive member which holds said receiving and transmitting unit, is arranged so as to block up an opening of said outer housing, and is connected to said conductive shielding layer,

wherein said receiving and transmitting unit and said signal processing unit are electrically grounded to one of said conductive shielding layer and said electrically conductive member, and

wherein said outer housing is arranged with at least a connector to input and output signals and electric power from said receiving and transmitting unit to outside of said radar system on an outside surface thereof.

15-18. (Canceled)